

12/19/2005

10/561366  
Sheet 1 of 2FORM PTO-1449  
(REV. 7-85)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.

PR/4-33239A

APPLICATION NO.

Not Yet Known

APPLICANT

COLLINGWOOD ET AL.

FILING DATE

Herewith

Group

IAP9 Rec'd PCT/PTO 19 DEC 2009

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

## FOREIGN PATENT DOCUMENTS

/CC/		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AM	0 073 645	3/9/83	EP			<input type="checkbox"/>	<input type="checkbox"/>
	AN	1 302 458	4/16/03	EP			<input type="checkbox"/>	<input type="checkbox"/>
	AO	92/06958	4/30/92	WO			<input type="checkbox"/>	<input type="checkbox"/>
/CC/	AP	03/087094	10/23/03	WO			<input type="checkbox"/>	<input type="checkbox"/>
	AQ						<input type="checkbox"/>	<input type="checkbox"/>

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

/CC/	AR	Kutsuma, et al., "1-(1,3-Dioxolan-4-ylmethyl)piperidinol Derivatives", Chemical Abstracts, Database Accession No. 1978:6859 and JP 52 083763, July 12, 1977.
/CC/	AS	Kutsuma et al., "Stereoisomers of 4-acyloxy-1-alkyl-1-(1,3-dioxolan-4-ylmethyl)piperidinium Salt Derivatives", Chemical Abstracts, Database Accession No. 1979:405219 and JP 54 027570, March 1, 1979.
/CC/	AT	"4-Acyloxy-1-(1,3-dioxolan-2-ylmethyl)piperidine Derivatives", Chemical Abstracts, Database Accession No. 1981:603921 and JP 56 079688, June 30, 1981.

EXAMINER

/Celia Chang/

DATE CONSIDERED

02/11/2009

\*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

/CC/	BA	".alpha.-Cyclic Aminophenylacetic Acid Esters and Their Quarternary Ammonium Salts", Chemical Abstracts, Database Accession No. 1984:120902 and JP 58 208270, December 3, 1983.
	BB	Yoshida et al., "Structure-Activity Relationship of 3- and 4-acyloxy-1-(1,3-dioxolan-4-ylmethyl)piperidine Derivatives", Chemical and Pharmaceutical Bulletin, Vol. 33, No. 2, pp. 818-822 (1985).
	BC	Sugai et al., "Studies on Spasmolytics. II. Synthesis and Anticholinergic Activities of 4-acyloxy-1-alkyl-1-(1,3-dioxolan-4-ylmethyl)piperidinium Compounds", Chemical and Pharmaceutical Bulletin, Vol. 32, No. 3, pp. 977-985 (1984).
	BD	Sugai et al., "Studies on Spasmolytics. III. Synthesis and Anticholinergic Activity of 4-(acyloxy)-1-(1,3-dioxolan-2-ylmethyl)piperidines and Their Quarternary Salts", Chemical and Pharmaceutical Bulletin, Vol. 32, No. 3, pp. 1126-1134 (1984).
	BE	Kajiwara et al., "Studies on Spasmolytics. VI. Pharmacological Studies of Stereoisomeric 1,4-trans- and...", Chemical Abstracts, Database Accession No. 1986:14939 and Yakugaku Zasshi, Vol. 105, No. 10, pp. 983-989 (1985).
/CC/	BF	Waelbroeck et al., "Binding Properties of Nine 4-diphenyl-acetoxy-N-methylpiperidine (4-DAMP) Analogs to M1, M2, M3 and Putative M4 Muscarinic Receptor Subtypes", British Journal of Pharmacology, Vol. 105, No. 1, pp. 97-102 (1992).
	BG	
	BH	
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	BM	
	BN	

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